

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	7208252
<b>Application Number:</b>	10597735
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	5525
<b>Title of Invention:</b>	Method and apparatus to perform channel estimation for a communication system
<b>First Named Inventor/Applicant Name:</b>	Alexander Maltsev
<b>Correspondence Address:</b>	John F Kacvinsky Kacvinsky 4500 Brooktree Road Suite 102 Wexford PA 15090 US - -
<b>Filer:</b>	John Francis Kacvinsky/Allison Gilbert
<b>Filer Authorized By:</b>	John Francis Kacvinsky
<b>Attorney Docket Number:</b>	1020.P17139
<b>Receipt Date:</b>	15-MAR-2010
<b>Filing Date:</b>	04-AUG-2006
<b>Time Stamp:</b>	14:56:31
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	no
<b>File Listing:</b>	

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	P17139-RPOA.pdf	188643 <small>17b75cd73095d658078c711d4d89122c0a097b</small>	no	1

**Warnings:**

The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing

**Information:**

<b>Total Files Size (in bytes):</b>	188643
-------------------------------------	--------

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.